Abstract

The present invention can be used in pharmacology specifically in the preparation of interferon-containing compositions, which are capable of conserving their biological activity and can be administrated intranasally, e.g. in the preparation of nasal drops. This invention essentially refers to an antiviral agent in the form of nasal drops that contains a genetically engineered alpha, beta or gamma interferon with a viscosity of (1.1 - 30.0) * Pa*s, a biocompatible polymer and a buffer mixture. The agent may further include an antioxidant, and the ingredients are contained in the following amounts per ml buffer mixture: 1,000 to 5,000 IU of genetically engineered interferon; 0.005 to 0.714 g of biocompatible polymer; and 0.0001 to 0.0008 g of an antioxidant. Trilon B is used as the antioxidant, whereas polyvinilpyrrolidone and/or polyethylene oxide is (are) used as the biocompatible polymer(s) at polyvinilpyrrolidone/polyethylene oxide ratio is 1:1 - 50.